

PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

9

Application Number 09/827,960

Filing Date April 4, 2001

First Named Inventor Mayo, et al.

Art Unit 1637

Examiner Name KIM, Young J.

Attorney Docket Number 65353-7

ENCLOSURES (Check all that apply)

- | | | |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input checked="" type="checkbox"/> Amendment/Reply
<input checked="" type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Response to Missing Parts/
Incomplete Application
<input type="checkbox"/> Response to Missing Parts
under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a
Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication
to a Technology Center (TC)
<input type="checkbox"/> Appeal Communication to Board
of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please
Identify below):
Associate Power of Attorney |
|--|--|--|

Remarks

This transmission includes the following parts:

 1 Page Transmittal Form
 7 Pages of Response and Amendment
 1 Page Associate Power of Attorney
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
or
Individual
Signature

Joyce L. Morrison

Date

May 12, 2003

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: May 12, 2003

Typed or printed

Diane M. Tsuda

Signature

Date 05/12/2003

This collection of information is required by 37 CFR 1.6. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PATENT

Attorney Docket No. A-65353-7/RFT/RMS/RMK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

MAYO, *et al.*

Serial No. 09/827,960

Filed: April 4, 2001

For: *Apparatus and Method for
Automated Protein Design*

Group No. 1637

Examiner: Kim, Young J.

**CERTIFICATE OF FACSIMILE
TRANSMISSION**

I hereby certify that this correspondence,
included listed enclosures, is being facsimile
transmitted to the United States Patent and
Trademark Office, Fax No. (703) 746-3172 on
May 12, 2003.

Date: May 12, 2003Signature: 
Diane M. TsudaRESPONSE AND AMENDMENT AFTER FINAL

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

This paper is being submitted in response to the Office Action mailed February 10, 2003. This response is filed on or before the due date of May 10, 2003, making this a timely response. An Associate Power of Attorney for this matter is attached hereto. The Commissioner is authorized to charge any additional fees, including any extension fees, which may be required, or credit any overpayment to Deposit Account No. 502325.

In the claims:

Please cancel Claims 31-35, 37-39, and 48 without prejudice or disclaimer.

Please amend the claims as follows:

44. (Amended) A computer readable memory according to claim 43 wherein said amino acid side chains are different.

45. (Amended) A computer readable memory according to claim 43 wherein said amino acid side chains are the same.